**Index of Claims** 

| Applic | ation | /Contro | I No. |
|--------|-------|---------|-------|
|        |       |         |       |

10/663,758 Examiner

Applicant(s)/Patent under Reexamination

TUNNEY, WILLIAM PATRICK

Art Unit

Li B. Zhen

2194

| 1  | Rejected |
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| II | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
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| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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|       | Claim Date   |  |          |                                     |  |          |          | _             |          |        |
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| Cla   | im   | Date   |          |                                     |  |          |          |               |          |        |
| Final | Original   | 7/19/06  |          |                                     |  |          |          |               |          |        |
|       | 1  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            |          |                                     |  |          |          |               |          |        |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7  | ✓  |          |                                     |  |          |          |               |          | $\Box$ |
|       | 3  | ✓  | L        | _                                   | <u> </u>   | <u> </u> | _        | _             | L        | Ш      |
|       | 4  | V  | _        | _                                   | <u> </u>   | <u> </u> | _        | <u> </u>      |          |        |
|       | 5  | √  | ļ        | _                                   | _  | <u> </u> |          | <u> </u>      | H        | Ы      |
|       | 6  | ΙÝ   |          | <u> </u>                            | <u> </u>   | <u> </u> | _        | <u> </u>      | $\vdash$ | Н      |
|       | /  | ΙÝ   | $\vdash$ | -                                   | ├—   | ⊢        | $\vdash$ | ⊢             | H        | Н      |
|       | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | <del>                                     </del> |          | $\vdash$                            | ⊢  | ├        |          | ├-            | -        | Н      |
|       | 10   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            |          | $\vdash$                            | ⊢  | ├        | $\vdash$ | ⊢             | $\vdash$ | Н      |
|       | 11   | \ <del>\</del>                                   |          | ⊢                                   | ┢  | ┢        | $\vdash$ | ⊢             | $\vdash$ | Н      |
|       | 12   | 1,7  | _        | H                                   | H  | $\vdash$ |          | H             |          |        |
|       | 13   | Ĭ  |          | _                                   | 1  | ┢        | $\vdash$ | $\vdash$      |          | Н      |
|       | 14   | V  |          | Г                                   | Г  | $\vdash$ |          | $\vdash$      |          | П      |
|       | 15   | V  |          |                                     | _  |          |          |               |          |        |
|       | 16   | ✓  |          |                                     |  |          |          |               |          |        |
|       | 17   | √  |          |                                     |  |          |          |               |          |        |
|       | 18   | √  |          |                                     | $ldsymbol{ld}}}}}}$ | L        |          |               |          |        |
|       | 19   | ✓  |          |                                     | _  | <u> </u> | _        | _             | _        | Ш      |
|       | 20   | ✓  |          |                                     | _  | L        |          | _             | L        | Ш      |
|       | 21   | √  |          | $\vdash$                            | L  | ╙        | L        | ldash         | ╙        | Щ      |
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|       | 23   | 1  |          | <u> </u>                            | _  | ⊢        | ⊢        | <u> </u>      |          | Н      |
|       | 25   | <b>V</b>   | _        |                                     |  | _        | ├-       | —             |          | Н      |
|       | 26   | <del>'</del>                                     |          | ┝                                   | -  |          | -        | ┝             | $\vdash$ | Н      |
|       | 27   | ·/   | -        | ┢                                   | ┢  | $\vdash$ | $\vdash$ | $\vdash$      | Н        | Н      |
|       | 28   | <u> </u>   | ┢        |                                     | <del> </del>   |          | -        | <del> </del>  | -        | Н      |
|       | 29   |  |          |                                     |  |          |          |               |          | П      |
|       | 30   |  |          |                                     |  |          | $\vdash$ | $\overline{}$ | $\vdash$ | П      |
|       | 31   |  |          |                                     |  |          |          |               |          | П      |
|       | 32   |  |          |                                     |  |          |          |               |          |        |
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|       | 34<br>35   | Ш  |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | L.       |          | _             | L        | Щ      |
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|       | 36   | _  |          | <b> </b>                            | <u> </u>   | <u> </u> | _        | <u> </u>      | _        | Н      |
|       | 37   | H  | _        | ⊢                                   | <u> </u>   | ⊢        | _        | <u> </u>      | ⊢        | Н      |
|       | 38<br>39   | $\vdash$   | _        | ⊢                                   | ├  | ⊢        | $\vdash$ | <u> </u>      | $\vdash$ | Н      |
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|       | 42   | Н  | _        | $\vdash$                            | $\vdash$   |          | -        | -             | -        | Н      |
|       | 43   | Н  | $\vdash$ | $\vdash$                            | $\vdash$   | Н        | Н        | $\vdash$      | Т        | Н      |
|       | 44   | П  |          |                                     | Г  |          | Н        |               |          |        |
|       | 45   | П  |          |                                     | Г  |          | Г        |               |          |        |
|       | 46   |  |          |                                     |  |          |          |               |          |        |
|       | 47   |  |          |                                     |  |          |          |               |          |        |
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|       | 49   |  |          |                                     |  |          |          |               |          |        |
|       | 50   |  |          |                                     |  |          |          |               |          |        |

| Cla      | aim      | Date     |          |          |          |  |          |          |          |          |  |
|----------|----------|----------|----------|----------|----------|--|----------|----------|----------|----------|--|
| Final    | Original |          |          |          |          |  |          |          |          |          |  |
|          | 51<br>52 |          |          |          |          |  |          |          |          |          |  |
|          | 52       | $\vdash$ |          | Ш        | _        | ┡  | L        | _        | L.       | _        |  |
|          | 53       | _        | _        | _        |          | L  | _        |          | _        |          |  |
| <u> </u> | 54       |          |          |          |          | ╙  | _        | <u> </u> | L.,      | _        |  |
|          | 55       | _        |          |          | <u> </u> | ┡  | _        | _        | _        |          |  |
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| _        | 58       | H        | H        |          | <u> </u> | ┝  | H        | _        | -        | ⊢        |  |
|          | 59       | -        | -        | $\vdash$ | ├-       | ⊢  | H        | -        | H        | ⊢        |  |
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|          | 62       | $\vdash$ | -        | -        | -        | ├  | $\vdash$ |          | $\vdash$ | ⊢        |  |
| $\vdash$ | 62<br>63 | H        |          | $\vdash$ | $\vdash$ | ├─   | _        | H        | $\vdash$ | $\vdash$ |  |
| $\vdash$ | 64       | $\vdash$ | -        | -        | -        | ├─   |          | H        | H        | ┢        |  |
| -        | 65       | Н        | Н        | $\vdash$ |          | ⊢  | -        |          | -        | -        |  |
| -        | 66       |          |          | Н        | -        | ⊢  |          | -        | -        | -        |  |
| -        | 67       | -        | -        | -        | ┢        | -  | $\vdash$ | $\vdash$ | Н        | $\vdash$ |  |
|          | 68       | Н        | -        | $\vdash$ | $\vdash$ | <del>                                     </del> | Т        | _        |          | $\vdash$ |  |
| -        | 69       |          |          |          | ┢        | _  |          |          |          | Т        |  |
|          | 70       | П        |          |          |          |  |          |          |          | Т        |  |
|          | 71       |          |          |          |          |  |          |          |          |          |  |
|          | 72       |          |          |          |          | _  |          |          |          |          |  |
|          | 73       |          |          |          |          | Г  |          |          |          |          |  |
|          | 74       |          |          |          |          | Г  |          |          |          |          |  |
|          | 75       |          |          |          |          |  |          |          |          |          |  |
|          | 76       |          |          |          |          |  |          |          |          |          |  |
|          | 77       |          |          |          |          |  |          |          |          |          |  |
|          | 78       |          |          |          |          |  |          |          |          |          |  |
|          | 79       |          | L        |          |          | _  |          |          |          | _        |  |
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| <u> </u> | 82       | _        | _        |          |          | _  | L.       |          | _        | _        |  |
| <u> </u> | 83       | _        |          | _        | -        | _  | _        | _        | L        | <u> </u> |  |
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| -        | 85<br>86 | H        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | -        |  |
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| $\vdash$ | 89       | -        | $\vdash$ |          |          | $\vdash$   | H        | _        |          | ┢        |  |
| $\vdash$ | 90       |          |          | Н        |          | $\vdash$   | Н        | $\vdash$ | Н        | _        |  |
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|          | 92       |          |          |          |          |  |          |          |          | $\vdash$ |  |
|          | 93       |          |          |          |          | Г  |          |          |          |          |  |
|          | 94       |          |          |          |          |  |          |          |          |          |  |
|          | 95       |          |          |          |          |  |          |          |          |          |  |
|          | 96       |          |          |          |          |  |          |          |          |          |  |
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|          | 98       |          | _        |          |          | L_   |          | Щ        | Ш        | L        |  |
|          | 99       |          |          |          | _        | <u> </u>   | L_       | <u> </u> |          | <u> </u> |  |
|          | 100      | لـــا    |          |          |          | نـــا  |          |          | L.       |          |  |

| <u></u> | aim   | Date     |              |          |              |          |          |              |              |                 |
|---------|---|----------|--------------|----------|--------------|----------|----------|--------------|--------------|-----------------|
| Cli     |   |          |              |          |              |          |          |              |              | Н               |
| Final   | Original  |          |              |          |              |          |          |              |              |                 |
|         | 101<br>102<br>103   |          |              |          |              |          |          |              |              |                 |
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|         | 105<br>106<br>107   | L        |              |          |              | <u> </u> | L_       |              |              |                 |
|         | 107   | L.       | ļ            | ļ        | _            | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | Щ               |
|         | 108   |          | H            |          | ⊢            |          | $\vdash$ | <u> </u>     | <u> </u>     | Н               |
|         | 109<br>110  |          | -            |          | <u> </u>     | -        | <u> </u> | _            | _            | Н               |
|         | 111   |          | -            | -        | -            | ⊢        | _        | $\vdash$     |              | Н               |
|         | 112   | -        | -            | -        | -            | ├        |          | ┝            | -            | $\vdash$        |
|         | 113   | $\vdash$ | $\vdash$     | Н        | $\vdash$     | $\vdash$ | $\vdash$ | H            | $\vdash$     | $\vdash \vdash$ |
|         | 113<br>114<br>115   | H        | H            |          | $\vdash$     | $\vdash$ | $\vdash$ | H            | $\vdash$     | H               |
|         | 115   |          |              |          |              | H        | H        | Н            |              | H               |
|         | 116   |          |              | П        | Г            |          | Г        |              | Г            | $\square$       |
|         | 117<br>118  |          |              |          |              |          |          |              |              | П               |
|         | 118   |          |              |          |              |          |          |              |              | П               |
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|         | 120   |          |              |          |              |          |          |              |              |                 |
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|         | 122   |          | _            |          |              |          | _        | <u> </u>     |              |                 |
|         | 123   |          | L            |          | $oxed{oxed}$ | Щ.       |          | $oxed{oxed}$ |              | Щ               |
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|         | 133   |          |              |          | Г            |          | Г        |              |              | П               |
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|         | 135   |          |              |          |              |          |          |              |              |                 |
|         | 136<br>137  |          | L_           |          |              | L        | _        | Щ            |              | Ш               |
|         | 137   | _        | $oxed{oxed}$ |          | _            | <u> </u> | L        | _            | L            | Ш               |
|         | 138<br>139  |          | <u> </u>     | <u> </u> | <u> </u>     | _        | <u> </u> | _            | <u> </u>     | Ш               |
|         | 139   |          | _            | _        | <u> </u>     | <u> </u> | _        | _            | Н            | Н               |
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|         | 148   |          | П            |          |              | П        | П        |              |              | $\Box$          |
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